

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:45 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 437 Const Calendar Day: 163 Date: 14-Nov-2012 Wednesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:50 AM 05:45 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

| Temperature   | 7 AM | 12 PM | 4 PM      |
|---------------|------|-------|-----------|
| Precipitation |      |       | Condition |

Working Day ☒ If no, explain:**Diary:**

Dispute

**Cable Wrapping**

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Cable wrapping
- Painting of the suspender ropes

Today I was inspecting Tony Costa's crew on Cable wrapping on the North main-span. See the diaries of V. Pereyra, L. Woo, S. Daouk, V. Altimarano, & S. Soheilifard for additional details of Cable field work.

- I arrived at the pier 7 office at 06:50, & was on the bridge at 07:10.
- From 07:10 until 09:00, zinc paste was being applied to the Cable between PPs 55N & 54N.
- From 07:10 until 08:25, Tony's crew was wrapping the Cable with the "push" machine starting at PP 55.7N. They wrapped about 2m during this time, & stopped when the bobbins ran low on S-wire near PP 55.3N.
- From 08:25 until 08:50, Cadwelds were placed atop the Cable to secure the S-wire in place. Also, full bobbins were installed on the wrapping machine.
- From 08:50 until 09:10, Tony's crew was doing the S-wire butt splice near PP 55.3N.
- From 09:10 until 09:20, after the butt splice was done, Tony's crew wrapped several turns, & then Cadwelds were placed across the S-wires that were butt spliced.
- From 09:20 until 11:05, Tony's crew was wrapping the Cable with the "push" machine. They wrapped about 5m during this time, & stopped when the machine ran up against the edge of the cable band (CB) at PP 54N.
- From 09:30 until 13:00, zinc paste was being applied to the Cable between PPs 54N & 52N.
- At 10:30, an iron-worker came to the operation with squeegees that were supposed to be added to the wrapping machine. Their intent was supposedly to help smooth out the zinc paste during wrapping. Tony did not like the idea of adding them since the zinc paste had not been an issue on this span. Tony asked me if I had any issues with the zinc paste during the wrapping, & I told him that it has been fine. Tony decided to not install the squeegees.
- From 11:05 until 11:15, Cadwelds were placed atop the Cable to secure the S-wire in place.
- From 11:15 until 12:00, Tony's crew removed the "push" wrapping machine from the downhill side of the CB, & installed it just uphill of the CB at PP 54N using the high lines.
- From 12:00 until 12:30, lunch.
- From 12:30 until 13:00, Tony's crew wrapped the first 200mm of S-wire just uphill of the CB at PP 54N.
- From 13:00 until 13:15, Cadwelds were placed atop the Cable to secure the S-wire in place.
- From 13:15 until 13:30, Tony's crew moved the 200mm section of S-wire downhill to lap under the CB caulking groove.
- From 13:30 until 13:50, the newly arrived squeegees were installed on the machine at the direction of



## Daily Diary Report by Bid Item

**Job Name:** 04-0120F4

**Inspector Name** Wright, Doug

**Diary #:** 437

**Date:** 14-Nov-2012 **Wednesday**

ABF Superintendent Scott Smith.

- From 13:50 until 14:15, Tony's crew was wrapping the Cable with the "push" machine. They wrapped about 1m during this time, & stopped when the bobbins ran low on S-wire near PP 53.7N. - Note: the newly added squeegees did not appear to help with smoothing out the zinc paste. If anything, they appeared to be removing too much paste, & were counter-productive. The machine had to be stopped often to re-apply paste. I tried calling Roman Granados & Warren Collins, but could not get in touch with them.
- From 14:15 until 14:40, Cadwelds were placed atop the Cable to secure the S-wire in place. Also, full bobbins were installed on the wrapping machine.
- From 14:40 until 15:00, Tony's crew was doing the S-wire butt splice near PP 53.7N.
- From 15:00 until 15:15, after the butt splice was done, Tony's crew wrapped several turns, & then Cadwelds were placed across the S-wires that were butt spliced.
- From 15:15 until 16:00, Tony's crew was wrapping the Cable with the "push" machine. They wrapped about 2m during this time, & stopped to remove the squeegees.
- At 15:45, I spoke with Roman, & told him that I thought the newly added squeegees should be removed because they were removing too much paste. He said that he concurred if I believed that they were doing more harm than good. I spoke with foreman Tony Costa, & told him that I would like the squeegees to be removed. He checked with Scott Smith, who was reluctant to remove them because they were asked to be added by Caltrans. Tony reminded him that the group of people who wanted them to be added visited the wrapping operations on other spans, but not at the North main-span. Scott Smith agreed that they should be removed.
- At 16:00, the squeegees were removed, & wrapping continued.
- From 16:00 until 16:25, Tony's crew was wrapping the Cable with the "push" machine. They wrapped about 2m during this time, & stopped near PP 52.8N to do some routine maintenance on the wrapping machine.
- From 16:25 until the end of the shift, Tony's crew was doing routine maintenance on the machine, & cleaning up.
- From 16:50 until 17:00, I filled out the inspection checklist for the work inspected today.
- At 17:10, I left the bridge.
- From 17:20 until 17:45, I wrote my diary for the day & checked email.

**04-0120F4      Bid Item: 067      C-PWS-WCS.067      Wrap Cable System**

AMERICAN BRIDGE/FLUOR, A JV

### Labor

| Trade  | Class | Name                | RT Hrs | OT Hrs | DT Hrs | Total | Remarks | Dispute                  |
|--|-------|---------------------|--------|--------|--------|-------|---------|--------------------------|
| <b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV |       |                     |        |        |        |       |         |                          |
| Semi-Skilled Laborer                           | APP   | Armando Lomeli      | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Semi-Skilled Laborer                           | APP   | Leo Becerra         | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | RYAN EVANCHIK       | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | Robert Larue        | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | APP   | ZACHARIAH MACDONALD | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | APP   | JONATHON BISKNER    | 0.00   | 0.00   | 0.00   | 0.00  |         | <input type="checkbox"/> |
| Ironworker                                     | APP   | AUGIE SOLIS         | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | CASEY LUX           | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | FOR   | ANTHONY COSTA       | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |